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☐ 1. Document ID: US 20060279282 A1

L30: Entry 1 of 3

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 2. Document ID: US 20050174114 A1

L30: Entry 2 of 3

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050174114

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050174114 A1

TITLE: Method and system for rapid magnetic resonance imaging of gases with reduced diffusion-induced signal loss

PUBLICATION-DATE: August 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Mugler III, John P.	Charlottesville	VA	US
Brookeman, James R.	Charlottesville	VA	US

US-CL-CURRENT: 324/309; 324/303, 324/314

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 3. Document ID: US 7034533 B2

L30: Entry 3 of 3

File: USPT

Apr 25, 2006

US-PAT-NO: 7034533

DOCUMENT-IDENTIFIER: US 7034533 B2

TITLE: Method and system for rapid magnetic resonance imaging of gases with reduced diffusion-induced signal loss

DATE-ISSUED: April 25, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050174114 A1

August 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mugler, III; John P.	Charlottesville	VA		US
Brookeman; James R.	Charlottesville	VA		US

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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HYPER	37233
HYPERS	24
HYPER-POLARIZE	14
HYPER-POLARISE	1
HYPER-POLARISES	0
HYPER-POLARIZES	2
HYPER-POLARIZING	10
HYPER-POLARISING	0
HYPER-POLARIZABLE	3
HYPER-POLARIZABLES	0
HYPER-POLARIZED	55
(L29 AND (HYPER OR HYPER-POLARIZE OR HYPER-POLARIZING OR HYPER-POLARIZABLE OR HYPER-POLARIZED OR HYPERPOLARIZE OR HYPERPOLARIZING OR HYPERPOLARIZABLE OR HYPERPOLARIZED OR HYPERPOLARIZATION OR HYPER-	3

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☐ 1. Document ID: US 20060279282 A1

L27: Entry 1 of 1

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Term	Documents
HYPER	37233
HYPERS	24
HYPER-POLARIZE	14
HYPER-POLARISE	1
HYPER-POLARISES	0
HYPER-POLARIZES	2
HYPER-POLARIZING	10
HYPER-POLARISING	0
HYPER-POLARIZABLE	3
HYPER-POLARIZABLES	0
HYPER-POLARIZED	55
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OR HYPERPOLARIZE OR HYPERPOLARIZING OR HYPERPOLARIZABLE OR HYPERPOLARIZED OR HYPERPOLARIZATION OR HYPER- POLARIZATION)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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☐ 1. Document ID: US 20060279282 A1

L28: Entry 1 of 5

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20050174114 A1

L28: Entry 2 of 5

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050174114

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050174114 A1

TITLE: Method and system for rapid magnetic resonance imaging of gases with reduced diffusion-induced signal loss

PUBLICATION-DATE: August 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Mugler III, John P.	Charlottesville	VA	US
Brookeman, James R.	Charlottesville	VA	US

US-CL-CURRENT: 324/309; 324/303, 324/314

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20050057249 A1

L28: Entry 3 of 5

File: PGPB

Mar 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050057249
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050057249 A1

TITLE: Optimal magnetic resonance data acquisition

PUBLICATION-DATE: March 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Dale, Brian M.	Euclid	OH	US
Duerk, Jeffrey L.	Avon Lake	OH	US
Lewin, Jonathan S.	Baltimore	MD	US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 7078899 B2

L28: Entry 4 of 5

File: USPT

Jul 18, 2006

US-PAT-NO: 7078899
DOCUMENT-IDENTIFIER: US 7078899 B2

TITLE: Pareto-optimal magnetic resonance data acquisition

DATE-ISSUED: July 18, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050057249 A1	March 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dale; Brian M.	Euclid	OH		US
Duerk; Jeffrey L.	Avon Lake	OH		US
Lewin; Jonathan S.	Baltimore	MD		US

US-CL-CURRENT: 324/314; 324/307, 324/318, 600/411, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 7034533 B2

L28: Entry 5 of 5

File: USPT

Apr 25, 2006

US-PAT-NO: 7034533

DOCUMENT-IDENTIFIER: US 7034533 B2

TITLE: Method and system for rapid magnetic resonance imaging of gases with reduced diffusion-induced signal loss

DATE-ISSUED: April 25, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050174114 A1

August 11, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Mugler, III; John P.

Charlottesville

VA

US

Brookeman; James R.

Charlottesville

VA

US

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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HYPER-POLARIZE	14
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HYPER-POLARIZABLES	0
HYPER-POLARIZED	55
(L25 AND (HYPER OR HYPER-POLARIZE OR HYPER-POLARIZING OR HYPER-POLARIZABLE OR HYPER-POLARIZED OR HYPERPOLARIZE OR HYPERPOLARIZING OR HYPERPOLARIZABLE OR HYPERPOLARIZED OR HYPERPOLARIZATION OR HYPER-POLARIZATION)) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	5

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L26: Entry 1 of 10

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. Ds
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☐ 2. Document ID: US 20050212517 A1

L26: Entry 2 of 10

File: PGPB

Sep 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050212517

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050212517 A1

TITLE: Reduction of susceptibility artifacts in subencoded single-shot magnetic resonance imaging

PUBLICATION-DATE: September 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jaermann, Thomas	Zurich		CH
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Kressbonn		CH
Schmidt, Conny Frauke	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. De
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□ 3. Document ID: US 20050189942 A1

L26: Entry 3 of 10

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050189942 A1

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tsao, Jeffrey	Basel		CH
Pruessmann, Klaas Paul	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/310; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. De
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□ 4. Document ID: US 20030122545 A1

L26: Entry 4 of 10

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030122545

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030122545 A1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink, Johan	Eindhoven		NL
Hoogeveen, Romhild Martijn	Eindhoven		NL
Folkers, Paulus Johannes Maria	Eindhoven		NL
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Zurich		CH

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. De
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☐ 5. Document ID: US 7035682 B2

L26: Entry 5 of 10

File: USPT

Apr 25, 2006

US-PAT-NO: 7035682

DOCUMENT-IDENTIFIER: US 7035682 B2

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: April 25, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030122545 A1

July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 600/420; 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 6. Document ID: US 7005853 B2

L26: Entry 6 of 10

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853

DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050189942 A1

September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawings
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☐ 7. Document ID: US 6593740 B1

L26: Entry 7 of 10

File: USPT

Jul 15, 2003

US-PAT-NO: 6593740

DOCUMENT-IDENTIFIER: US 6593740 B1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawings
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☐ 8. Document ID: US 5304931 A

L26: Entry 8 of 10

File: USPT

Apr 19, 1994

US-PAT-NO: 5304931

DOCUMENT-IDENTIFIER: US 5304931 A

TITLE: Magnetic resonance imaging techniques

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flamig; Duane P.	Richardson	TX	75082	
Harms; Steven E.	Dallas	TX	75205	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawings
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☐ 9. Document ID: US 4998064 A

L26: Entry 9 of 10

File: USPT

Mar 5, 1991

US-PAT-NO: 4998064

DOCUMENT-IDENTIFIER: US 4998064 A

TITLE: Method of and device for determining a spin resonance distribution

DATE-ISSUED: March 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
den Boer; Jacob A.	Eindhoven			NL
Ottenberg; Karsten	Hamburg			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw. De
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☐ 10. Document ID: US 2616626 A

L26: Entry 10 of 10

File: USOC

Nov 4, 1952

US-PAT-NO: 2616626

DOCUMENT-IDENTIFIER: US 2616626 A

TITLE: Calculator

DATE-ISSUED: November 4, 1952

INVENTOR-NAME: LAKE CLAIR D; AIKEN HOWARD H ; HAMILTON FRANCIS E ; DURFEE BENJAMIN M

US-CL-CURRENT: 708/277, 235/476

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw. De
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ESR	11002
ESRS	245
EPR	10571

EPRS	589
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☐ 1. Document ID: US 20060279282 A1

L17: Entry 1 of 10

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 2. Document ID: US 20050212517 A1

L17: Entry 2 of 10

File: PGPB

Sep 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050212517

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050212517 A1

TITLE: Reduction of susceptibility artifacts in subencoded single-shot magnetic resonance imaging

PUBLICATION-DATE: September 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jaermann, Thomas	Zurich		CH
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Kressborn		CH
Schmidt, Conny Frauke	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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3. Document ID: US 20050189942 A1

L17: Entry 3 of 10

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050189942 A1

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tsao, Jeffrey	Basel		CH
Pruessmann, Klaas Paul	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/310; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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4. Document ID: US 20030122545 A1

L17: Entry 4 of 10

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030122545

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030122545 A1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink, Johan	Eindhoven		NL
Hoogeveen, Romhild Martijn	Eindhoven		NL
Folkers, Paulus Johannes Maria	Eindhoven		NL
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Zurich		CH

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 7035682 B2

L17: Entry 5 of 10

File: USPT

Apr 25, 2006

US-PAT-NO: 7035682

DOCUMENT-IDENTIFIER: US 7035682 B2

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: April 25, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030122545 A1

July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 600/420; 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 7005853 B2

L17: Entry 6 of 10

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853

DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050189942 A1

September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 6593740 B1

L17: Entry 7 of 10

File: USPT

Jul 15, 2003

US-PAT-NO: 6593740

DOCUMENT-IDENTIFIER: US 6593740 B1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 8. Document ID: US 5304931 A

L17: Entry 8 of 10

File: USPT

Apr 19, 1994

US-PAT-NO: 5304931

DOCUMENT-IDENTIFIER: US 5304931 A

TITLE: Magnetic resonance imaging techniques

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flamig; Duane P.	Richardson	TX	75082	
Harms; Steven E.	Dallas	TX	75205	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 9. Document ID: US 4998064 A

L17: Entry 9 of 10

File: USPT

Mar 5, 1991

US-PAT-NO: 4998064

DOCUMENT-IDENTIFIER: US 4998064 A

TITLE: Method of and device for determining a spin resonance distribution

DATE-ISSUED: March 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
den Boer; Jacob A.	Eindhoven			NL
Ottenberg; Karsten	Hamburg			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 10. Document ID: US 2616626 A

L17: Entry 10 of 10

File: USOC

Nov 4, 1952

US-PAT-NO: 2616626

DOCUMENT-IDENTIFIER: US 2616626 A

TITLE: Calculator

DATE-ISSUED: November 4, 1952

INVENTOR-NAME: LAKE CLAIR D; AIKEN HOWARD H ; HAMILTON FRANCIS E ; DURFEE BENJAMIN MUS-CL-CURRENT: 708/277, 235/476

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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Bkwd Refs

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Term	Documents
ELECTRON	724132
ELECTRONS	225860
ESR	11002
ESRS	245
EPR	10571

EPRS	589
(16 AND (EPR OR ESR OR ELECTRON)) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	10
(L16 AND (ELECTRON OR "ESR" OR "EPR")) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	10

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☐ 1. Document ID: US 20060279282 A1

L18: Entry 1 of 1

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Van Den Brink; Johan Samuel

Eindhoven

NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des
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Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
HYPER	37233
HYPERS	24
HYPER-POLARIZE	14
HYPER-POLARISE	1
HYPER-POLARISES	0
HYPER-POLARIZES	2
HYPER-POLARIZING	10
HYPER-POLARISING	0
HYPER-POLARIZABLE	3
HYPER-POLARIZABLES	0
HYPER-POLARIZED	55
(L17 AND (HYPER OR HYPER-POLARIZE OR HYPER-POLARIZING OR HYPER-POLARIZABLE OR HYPER-POLARIZED	

OR HYPERPOLARIZE OR HYPERPOLARIZING OR HYPERPOLARIZABLE OR HYPERPOLARIZED OR HYPERPOLARIZATION OR HYPER- POLARIZATION)) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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WEST Search History

DATE: Friday, January 05, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L75	('4789933' '5270653' '5402067' '5485086' '5539313' '5604434' '5652516' '5758646' '5910728' '5912557' '6020739' '6215306' '6272479' '6288547' '6400152' '6483306' '6801037' '6933720' '6937014' '6937015' '20030109781' '20030216636' '20040044280' '20040260173' '20050017717' '20050033153' '20050057249' '20050074152')![pn]	28
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<input type="checkbox"/>	L74	L73 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	1
<input type="checkbox"/>	L73	l13 and ((variable with density with spiral) or VDS)	1
<input type="checkbox"/>	L72	l45 and ((variable with density with spiral) or VDS)	3
<input type="checkbox"/>	L71	(L70 or l69 or l68 or l67)	16
<input type="checkbox"/>	L70	L66 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	5
<input type="checkbox"/>	L69	L66 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	8
<input type="checkbox"/>	L68	L66 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	3
<input type="checkbox"/>	L67	L66 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	12
<input type="checkbox"/>	L66	L65 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under- sampl\$3 or undersampl\$3)	379
<input type="checkbox"/>	L65	l4 and ((variable with density with spiral) or VDS)	379
<input type="checkbox"/>	L64	L57 and l55	1
<input type="checkbox"/>	L63	L58 and l59	2

<input type="checkbox"/>	L62	L61 and (substitute or substituting or substituted or substitution or exchanging or exchanged or exchange or interchange or interchanging or interchanged or inter-change or inter-changing or inter-changed or switch or switching or switched or switchably or switchable)	35
<input type="checkbox"/>	L61	L60 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	40
<input type="checkbox"/>	L60	L59 or l58 or l57 or l55	40
<input type="checkbox"/>	L59	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	8
<input type="checkbox"/>	L58	L53 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	30
<input type="checkbox"/>	L57	L53 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	34
<input type="checkbox"/>	L56	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	0
<input type="checkbox"/>	L55	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	7
<input type="checkbox"/>	L54	L53 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	2
<input type="checkbox"/>	L53	L52 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	72
<input type="checkbox"/>	L52	L51 and (transform or transformation or transforming or transformed or transformable or FT or FFT or DFT)	79
<input type="checkbox"/>	L51	L50 and (combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed)	93
<input type="checkbox"/>	L50	L49 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	95
		L48 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or	

<input type="checkbox"/>	L49	skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	154
<input type="checkbox"/>	L48	147 and ((second or additional or another or secondary or auxiliary or different or separate) same (frequency))	3956
<input type="checkbox"/>	L47	120 and ((first or primary or initial) same (frequency))	4861
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		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L45	('5270653' '5402067' '20030216636' '20040044280' '20050017717' '20050033153' '20050057249')![pn]	7
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L44	L41 and (fetzner)	4
<input type="checkbox"/>	L43	L41 and (substitute or substituting or substituted or substitution or exchanging or exchanged or exchange or interchange or interchanging or interchanged or inter-change or inter-changing or inter-changed)	13
<input type="checkbox"/>	L42	L41 and (electron or "esr" or "epr")	4
<input type="checkbox"/>	L41	L40 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	80
<input type="checkbox"/>	L40	L36 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	85
<input type="checkbox"/>	L39	L38 and (electron or "esr" or "epr")	4
<input type="checkbox"/>	L38	L37 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	66
<input type="checkbox"/>	L37	L36 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	70
<input type="checkbox"/>	L36	L35 and (transform or transformation or transforming or transformed or transformable or FT or FFT or DFT)	116
<input type="checkbox"/>	L35	L34 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	128
<input type="checkbox"/>	L34	L33 and (combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed)	142
<input type="checkbox"/>	L33	L32 and ((center or central or centrally or centered or middle) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or	142

	"k.sub.z"))	
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<input type="checkbox"/>	L31 L29 and (electron or "esr" or "epr")	8
<input type="checkbox"/>	L30 L29 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	3
<input type="checkbox"/>	L29 L25 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (frequency))	212
<input type="checkbox"/>	L28 L25 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	5
<input type="checkbox"/>	L27 L26 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	1
<input type="checkbox"/>	L26 L25 and (electron or "esr" or "epr")	10
<input type="checkbox"/>	L25 L24 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	302
<input type="checkbox"/>	L24 L23 and ((full or complete or total or entire or entirety or fully or completely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	310
<input type="checkbox"/>	L23 L22 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleaved) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	479
<input type="checkbox"/>	L22 L21 and (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z")	1675
<input type="checkbox"/>	L21 L20 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	26609
<input type="checkbox"/>	L20 L19 and (time or read or domain or image or space or frequency)	31524
<input type="checkbox"/>	L19 L5 and (first and second or additional or another or primary or secondary or auxiliary or different or separate)	31752
<input type="checkbox"/>	L18 L17 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	1
<input type="checkbox"/>	L17 L16 and (electron or "esr" or "epr")	10
<input type="checkbox"/>	L16 L15 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	297
<input type="checkbox"/>	L15 L14 and ((full or complete or total or entire or entirety or fully or completely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	305
<input type="checkbox"/>	L14 L8 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleaved) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or	475

		"k.sub.z"))	
<input type="checkbox"/>	L13	L12 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	4
<input type="checkbox"/>	L12	L11 and ((full or complete ot total or entire or entirety or fully or commpletely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	8
<input type="checkbox"/>	L11	L10 and (electron or "e")	198
<input type="checkbox"/>	L10	L9 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	204
<input type="checkbox"/>	L9	L8 and (hyper or hyper-polariz\$4 or hyperpolariz\$4 or hyperpolarization or hyper-polarization)	205
<input type="checkbox"/>	L8	L7 and (time or read or domain or image or space or frequency)	1743
<input type="checkbox"/>	L7	L6 and (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z")	1743
<input type="checkbox"/>	L6	L5 and (first and second or additional or another or primary or secondary or auxiliary)	31358
<input type="checkbox"/>	L5	L4 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3)	31872
<input type="checkbox"/>	L4	L3 and (full or complete ot total or entire or entirety or fully or commpletely or totally)	32221
<input type="checkbox"/>	L3	L2 and (edge or peripheral or periphery or peripherally)	39779
<input type="checkbox"/>	L2	L1 and (center or central or centrally or centered or middle)	103020
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR)	242898

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☐ 1. Document ID: US 20060279282 A1

L31: Entry 1 of 8

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. D.
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☐ 2. Document ID: US 20050189942 A1

L31: Entry 2 of 8

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050189942 A1

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tsao, Jeffrey	Basel		CH
Pruessmann, Klaas Paul	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/310; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. D.
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☐ 3. Document ID: US 20030122545 A1

L31: Entry 3 of 8

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030122545
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030122545 A1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink, Johan	Eindhoven		NL
Hoogeveen, Romhild Martijn	Eindhoven		NL
Folkers, Paulus Johannes Maria	Eindhoven		NL
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Zurich		CH

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 4. Document ID: US 7035682 B2

L31: Entry 4 of 8

File: USPT

Apr 25, 2006

US-PAT-NO: 7035682
DOCUMENT-IDENTIFIER: US 7035682 B2

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: April 25, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20030122545 A1	July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 600/420; 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Security Class	Accession No	Claims	KWIC	Drawn D
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☐ 5. Document ID: US 7005853 B2

L31: Entry 5 of 8

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853

DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050189942 A1

September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Security Class	Accession No	Claims	KWIC	Drawn D
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☐ 6. Document ID: US 6593740 B1

L31: Entry 6 of 8

File: USPT

Jul 15, 2003

US-PAT-NO: 6593740

DOCUMENT-IDENTIFIER: US 6593740 B1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 5304931 A

L31: Entry 7 of 8

File: USPT

Apr 19, 1994

US-PAT-NO: 5304931

DOCUMENT-IDENTIFIER: US 5304931 A

TITLE: Magnetic resonance imaging techniques

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flamig; Duane P.	Richardson	TX	75082	
Harms; Steven E.	Dallas	TX	75205	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 4998064 A

L31: Entry 8 of 8

File: USPT

Mar 5, 1991

US-PAT-NO: 4998064

DOCUMENT-IDENTIFIER: US 4998064 A

TITLE: Method of and device for determining a spin resonance distribution

DATE-ISSUED: March 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
den Boer; Jacob A.	Eindhoven			NL
Ottenberg; Karsten	Hamburg			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Draw. De
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Term	Documents
ELECTRON	724132

ELECTRONS	225860
ESR	11002
ESRS	245
EPR	10571
EPRS	589
(29 AND (EPR OR ESR OR ELECTRON)) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8
(L29 AND (ELECTRON OR "ESR" OR "EPR")) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8

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☐ 1. Document ID: US 20060279282 A1

L43: Entry 1 of 13

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 2. Document ID: US 20020039024 A1

L43: Entry 2 of 13

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020039024

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020039024 A1

TITLE: Magnetic resonance imaging method with sub-sampled acquisition

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fuderer, Miha	Eindhoven		NL
Van Den Brink, Johan Samuel	Eindhoven		NL
Jurrissen, Michel Paul Jurriaan	Eindhoven		NL
Van Muiswinkel, Arianne Margarethe Corinne	Eindhoven		NL
Katscher, Ulrich	Norderstedt		DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20010056231 A1

L43: Entry 3 of 13

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056231

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056231 A1

TITLE: High resolution MRI imaging of brain functions

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jesmanowicz, Andrzej	Wauwatosa	WI	US
Hyde, James S.	Dousman	WI	US
Biswal, Bharat B.	Milwaukee	WI	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 7064547 B1

L43: Entry 4 of 13

File: USPT

Jun 20, 2006

US-PAT-NO: 7064547

DOCUMENT-IDENTIFIER: US 7064547 B1

**** See image for Certificate of Correction ****

TITLE: Method and apparatus of M/r imaging with coil calibration data acquisition

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin F.	New Berlin	WI		US
Angelos; Elisabeth	Hartland	WI		US
Polzin; Jason A.	Lake Mills	WI		US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 7005853 B2

L43: Entry 5 of 13

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853
DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050189942 A1	September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Figures	References	Claims	KMC	Drawings
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6. Document ID: US 6567567 B1

L43: Entry 6 of 13

File: USPT

May 20, 2003

US-PAT-NO: 6567567
DOCUMENT-IDENTIFIER: US 6567567 B1

TITLE: Sampling and reconstruction of RF signals

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levin; David N.	Chicago	IL		
Nagle; Scott	Oak Park	IL		

US-CL-CURRENT: 382/284; 382/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Figures	References	Claims	KMC	Drawings
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7. Document ID: US 6518760 B2

L43: Entry 7 of 13

File: USPT

Feb 11, 2003

US-PAT-NO: 6518760
DOCUMENT-IDENTIFIER: US 6518760 B2

TITLE: Magnetic resonance imaging method with sub-sampled acquisition

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
Van Den Brink; Johan Samuel	Eindhoven			NL
Jurrissen; Michel Paul Jurriaan	Eindhoven			NL
Van Muiswinkel; Arianne Margarethe Corinne	Eindhoven			NL
Katscher; Ulrich	Norderstedt			DE

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Also Published	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6044290 A

L43: Entry 8 of 13

File: USPT

Mar 28, 2000

US-PAT-NO: 6044290

DOCUMENT-IDENTIFIER: US 6044290 A

TITLE: Time-resolved digital subtraction magnetic resonance angiography using echo-planar imaging

DATE-ISSUED: March 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vigen; Karl K	Madison	WI		
Mistretta; Charles A	Madison	WI		
Grist; Thomas M	Madison	WI		
Korosec; Frank R	Madison	WI		
Frayne; Richard	Madison	WI		

US-CL-CURRENT: 600/419; 324/306, 324/309, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Also Published	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6018600 A

L43: Entry 9 of 13

File: USPT

Jan 25, 2000

US-PAT-NO: 6018600

DOCUMENT-IDENTIFIER: US 6018600 A

TITLE: Sampling and reconstruction of signals and images including MR images of multiple regions

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levin; David N.	Chicago	IL		
Nagle; Scott	Oak Park	IL		

US-CL-CURRENT: 382/284; 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Drawings
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☐ 10. Document ID: US 5873825 A

L43: Entry 10 of 13

File: USPT

Feb 23, 1999

US-PAT-NO: 5873825

DOCUMENT-IDENTIFIER: US 5873825 A

TITLE: Three dimensional digital subtraction magnetic resonance angiography with limited k-space mask

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mistretta; Charles A	Madison	WI		
Korösec; Frank R	Madison	WI		
Grist; Thomas M	Madison	WI		
Frayne; Richard	Madison	WI		

US-CL-CURRENT: 600/410; 324/307, 324/309, 600/419, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Drawings
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☐ 11. Document ID: US 5830143 A

L43: Entry 11 of 13

File: USPT

Nov 3, 1998

US-PAT-NO: 5830143

DOCUMENT-IDENTIFIER: US 5830143 A

TITLE: Gated time-resolved contrast-enhanced 3D MR angiography

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mistretta; Charles M.	Madison	WI		
Korösec; Frank R.	Madison	WI		
Grist; Thomas M.	Madison	WI		
Frayne; Richard	Madison	WI		

US-CL-CURRENT: 600/420; 324/306, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KWIC	Draw D
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☐ 12. Document ID: US 5105152 A

L43: Entry 12 of 13

File: USPT

Apr 14, 1992

US-PAT-NO: 5105152

DOCUMENT-IDENTIFIER: US 5105152 A

TITLE: Magnetic resonance imaging and spectroscopy using a linear class of large tip-angle selective excitation pulses

DATE-ISSUED: April 14, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pauly; John M.	Menlo Park	CA		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KWIC	Draw D
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☐ 13. Document ID: US 4998064 A

L43: Entry 13 of 13

File: USPT

Mar 5, 1991

US-PAT-NO: 4998064

DOCUMENT-IDENTIFIER: US 4998064 A

TITLE: Method of and device for determining a spin resonance distribution

DATE-ISSUED: March 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
den Boer; Jacob A.	Eindhoven			NL
Ottenberg; Karsten	Hamburg			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KWIC	Draw D
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Documents

SUBSTITUTE	264390
SUBSTITUTES	69727
SUBSTITUTING	188038
SUBSTITUTINGS	0
SUBSTITUTED	1061770
SUBSTD	188141
SUBSTITUTION	292089
SUBSTITUTIONS	224080
EXCHANGING	169484
EXCHANGINGS	11
EXCHANGED	202491
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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20060279282 A1

L54: Entry 1 of 2

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Van Den Brink; Johan Samuel

Eindhoven

NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20040260173 A1

L54: Entry 2 of 2

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260173

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040260173 A1

TITLE: Optimized high-speed magnetic resonance imaging method and system using hyperpolarized noble gases

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Salerno, Michael

Palo Alto

CA

US

Mugler III, John P.

Charlottesville

VA

US

Brookeman, James R.

Charlottesville

VA

US

US-CL-CURRENT: 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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HYPER	37233
HYPERS	24
HYPER-POLARIZE	14
HYPER-POLARISE	1
HYPER-POLARISES	0
HYPER-POLARIZES	2
HYPER-POLARIZING	10
HYPER-POLARISING	0
HYPER-POLARIZABLE	3
HYPER-POLARIZABLES	0
HYPER-POLARIZED	55
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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20060279282 A1

L64: Entry 1 of 1

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Van Den Brink; Johan Samuel

Eindhoven

NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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Term	Documents
(55 AND 57) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	1
(L57 AND L55) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	1

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Search Results - Record(s) 1 through 16 of 16 returned.

☐ 1. Document ID: US 20060050981 A1

L71: Entry 1 of 16

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060050981

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060050981 A1

TITLE: Technique for parallel MRI imaging (k-t grappa)

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Huang; Feng	Gainesville	FL	US

US-CL-CURRENT: 382/254

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 2. Document ID: US 20050238392 A1

L71: Entry 2 of 16

File: PGPB

Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050238392

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050238392 A1

TITLE: Developing method and developing device using the same

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Okamoto, Naoki	Mishima-shi		JP
Fujikawa, Hiroyuki	Yokohama-shi		JP
Ishigami, Koh	Mishima-shi		JP
Sugahara, Nobuyoshi	Toride-shi		JP
Baba, Yoshinobu	Yokohama-shi		JP
Itakura, Takayuki	Mishima-shi		JP

US-CL-CURRENT: 399/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20050220265 A1

L71: Entry 3 of 16

File: PGPB

Oct 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050220265

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050220265 A1

TITLE: Methods for acquiring multi spectral data of an object

PUBLICATION-DATE: October 6, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Besson, Guy M.	Broomfield	CO	US

US-CL-CURRENT: 378/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20040260173 A1

L71: Entry 4 of 16

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260173

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040260173 A1

TITLE: Optimized high-speed magnetic resonance imaging method and system using hyperpolarized noble gases

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Salerno, Michael	Palo Alto	CA	US
Mugler III, John P.	Charlottesville	VA	US
Brookeman, James R.	Charlottesville	VA	US

US-CL-CURRENT: 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20040155654 A1

L71: Entry 5 of 16

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155654
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040155654 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brittain, Jean Helen	Menlo Park	CA	US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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6. Document ID: US 20040018028 A1

L71: Entry 6 of 16

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040018028
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040018028 A1

TITLE: Method for forming image

PUBLICATION-DATE: January 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chiba, Tatsuhiko	Kanagawa		JP
Magome, Michihisa	Shizuoka		JP
Komoto, Keiji	Shizuoka		JP
Hiratsuka, Kaori	Shizuoka		JP
Kaburagi, Takeshi	Shizuoka		JP

US-CL-CURRENT: 399/149

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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7. Document ID: US 20030011369 A1

L71: Entry 7 of 16

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011369
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030011369 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brittain, Jean H.	Palo Alto	CA	US
Pauly, John M.	Redwood City	CA	US

US-CL-CURRENT: [324/309](#); [324/307](#), [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 8. Document ID: US 20020140423 A1

L71: Entry 8 of 16

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140423

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020140423 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brittain, Jean Helen	Menlo Park	CA	US

US-CL-CURRENT: [324/301](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 9. Document ID: US 6897655 B2

L71: Entry 9 of 16

File: USPT

May 24, 2005

US-PAT-NO: 6897655

DOCUMENT-IDENTIFIER: US 6897655 B2

**** See image for Certificate of Correction ****

TITLE: Moving table MRI with frequency-encoding in the z-direction

DATE-ISSUED: May 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brittain; Jean H.	Palo Alto	CA		
Pauly; John M.	Redwood City	CA		

US-CL-CURRENT: [324/309](#); [324/306](#), [324/307](#), [324/318](#), [600/410](#), [600/415](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. D
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☐ 10. Document ID: US 6891374 B2

L71: Entry 10 of 16

File: USPT

May 10, 2005

US-PAT-NO: 6891374

DOCUMENT-IDENTIFIER: US 6891374 B2

TITLE: Moving table MRI with frequency-encoding in the z-direction

DATE-ISSUED: May 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brittain; Jean Helen	Menlo Park	CA		

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. D
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☐ 11. Document ID: US 6879793 B2

L71: Entry 11 of 16

File: USPT

Apr 12, 2005

US-PAT-NO: 6879793

DOCUMENT-IDENTIFIER: US 6879793 B2

** See image for Certificate of Correction **

TITLE: Method for forming image

DATE-ISSUED: April 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chiba; Tatsuhiko	Kanagawa			JP
Magome; Michihisa	Shizuoka			JP
Komoto; Keiji	Shizuoka			JP
Hiratsuka; Kaori	Shizuoka			JP
Kaburagi; Takeshi	Shizuoka			JP

US-CL-CURRENT: 399/149; 399/150

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. D
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☐ 12. Document ID: US 6801655 B2

L71: Entry 12 of 16

File: USPT

Oct 5, 2004

US-PAT-NO: 6801655
DOCUMENT-IDENTIFIER: US 6801655 B2

TITLE: Spatial image processor

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woodall; Roger L.	Jewett City	CT		

US-CL-CURRENT: 382/156; 382/305, 701/59, 704/232, 706/15, 706/42

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. De
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☐ 13. Document ID: US 6794869 B2

L71: Entry 13 of 16

File: USPT

Sep 21, 2004

US-PAT-NO: 6794869
DOCUMENT-IDENTIFIER: US 6794869 B2
** See image for Certificate of Correction **

TITLE: Moving table MRI with frequency-encoding in the z-direction

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brittain; Jean Helen	Menlo Park	CA		

US-CL-CURRENT: 324/309; 324/306, 324/307, 324/318, 600/410, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. De
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☐ 14. Document ID: US 6323910 B1

L71: Entry 14 of 16

File: USPT

Nov 27, 2001

US-PAT-NO: 6323910
DOCUMENT-IDENTIFIER: US 6323910 B1

TITLE: Method and apparatus for producing high-fidelity images by synchronous phase coherent digital image acquisition

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clark, III; William T.	Folsom	LA	70437	

US-CL-CURRENT: 348/537; 327/142, 327/299, 331/20, 348/572

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 15. Document ID: US 3219976 A

L71: Entry 15 of 16

File: USOC

Nov 23, 1965

US-PAT-NO: 3219976

DOCUMENT-IDENTIFIER: US 3219976 A

TITLE: Data processing system

DATE-ISSUED: November 23, 1965

INVENTOR-NAME: TUCKER JR CLAUDE HALL

US-CL-CURRENT: 712/228; 712/242

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 16. Document ID: US 3116639 A

L71: Entry 16 of 16

File: USOC

Jan 7, 1964

US-PAT-NO: 3116639

DOCUMENT-IDENTIFIER: US 3116639 A

TITLE: Apparatus for the measurement and integration of fluid-velocities

DATE-ISSUED: January 7, 1964

INVENTOR-NAME: GEORGE BIRD WILLIAM

US-CL-CURRENT: 73/861.24

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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